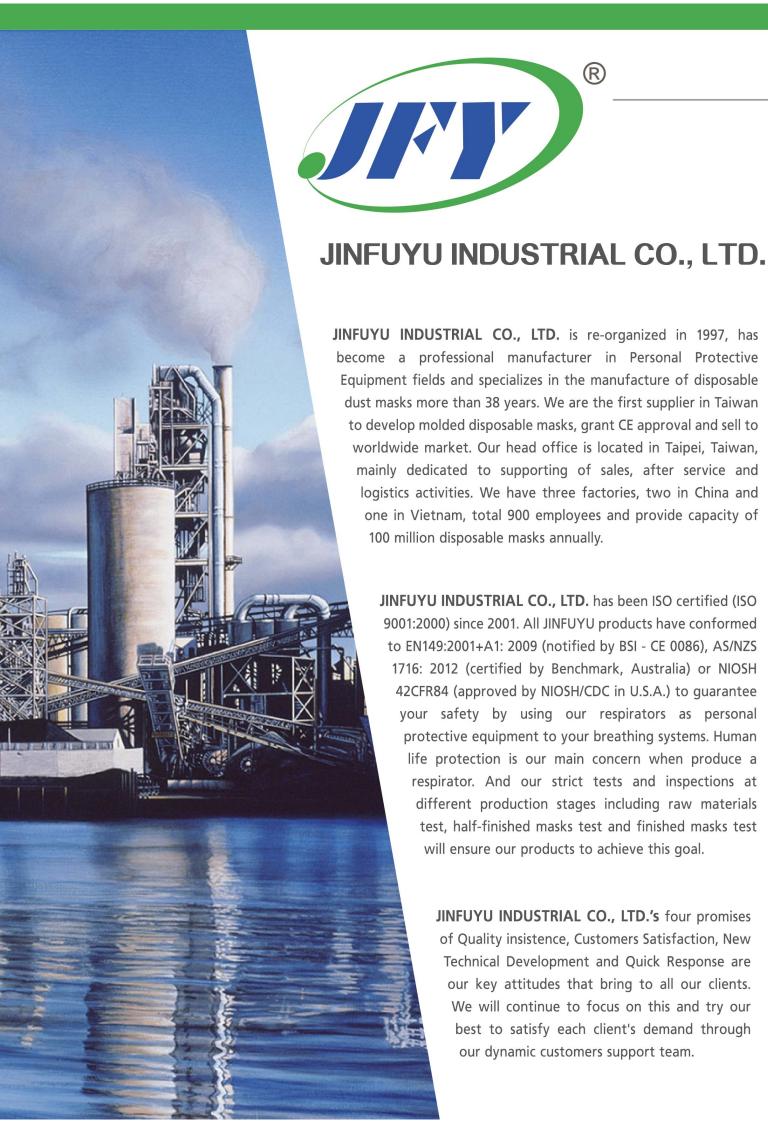
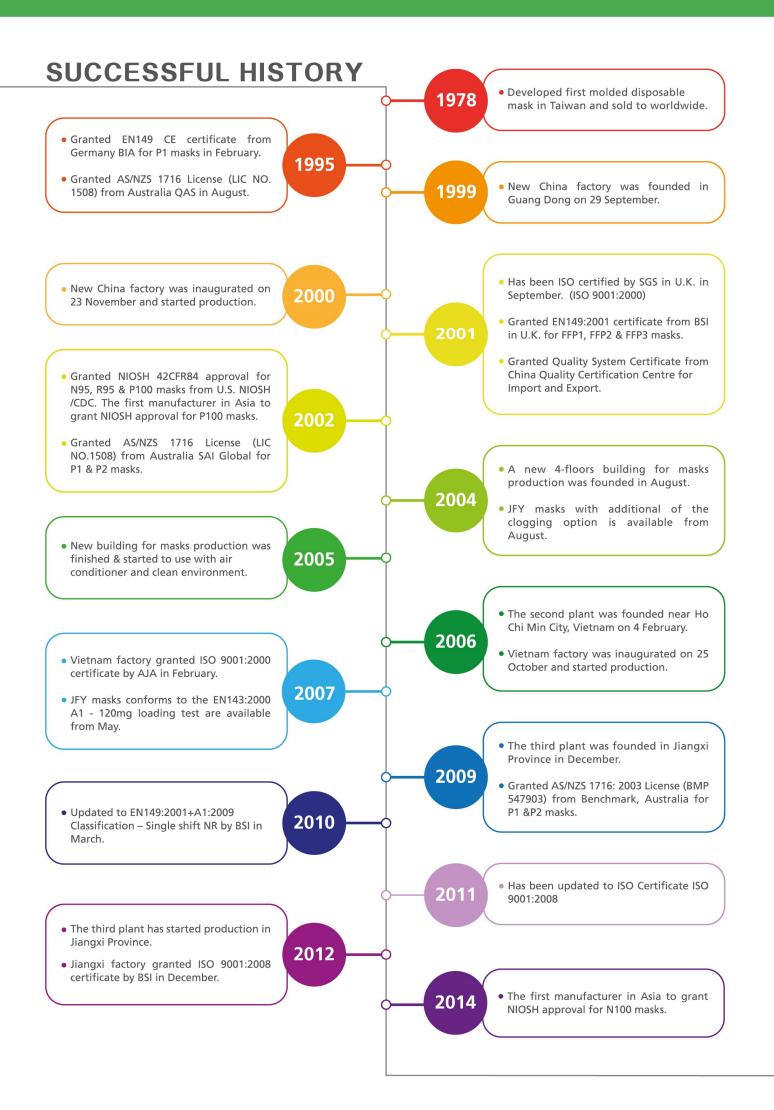


Quality Insistence
Customers Satisfaction
New Technical Development
Quick Response

FILTERING FACE MASKS





# **TECHNICAL INFORMATION**

Techr	nical information for FFP1 NR D
Total Inward leakage	< 22%
Penetration	< 20%
Carbon dioxide content of inhalation air (%)	< 1%
Inhalation resistance 30 l/min (mbar)	< 0.6 mbar
Inhalation resistance 95 l/min (mbar)	<2.1mbar
Exhalation resistance 160 l/min (mbar)	< 3 mbar
Protection	Non-toxic, low to average toxicity solid and liquid aerosols
Application	Wood, cement, iron steel mining, textile, glass and oils
Assigned Protection Factor	4 X APF or 4.5 X MAC/OEL/TLV

Technical information for FFP2 NR D										
Total Inward leakage	< 8%									
Penetration	< 6%									
Carbon dioxide content of inhalation air (%)	< 1%									
Inhalation resistance 30 l/min (mbar)	< 0.7 mbar									
Inhalation resistance 95 l/min (mbar)	< 2.4 mbar									
Exhalation resistance 160 l/min (mbar)	< 3 mbar									
Protection	Non-toxic, low to average toxicity solid and liquid aerosols									
Application	Silica, asbestos, lead, iron and zinc fumes, chromium sulfuric and misc and oils									
Assigned Protection Factor	10 X APF or 12 X MAC/OEL/TLV									

Technical i	nformation for FFP3 NR D / FFP3 R D
Total Inward leakage	< 2 %
Penetration	< 1%
Carbon dioxide content of inhalation air (%)	<1%
Inhalation resistance 30 l/min (mbar)	< 1mbar
Inhalation resistance 95 l/min (mbar)	< 3 mbar
Exhalation resistance 160 l/min (mbar)	< 3 mbar
Protection	Non-toxic, to average toxicity, high toxicity solid and liquid aerosols
Application	Asbestos fiber, cadmic, arsenic, lead, nickel, chromium and oils
Assigned Protection Factor	20 X APF or 50 X MAC/OEL/TLV



Meet the requirement of the Personal Protective Equipment Directive, 89/686/EEC PPE's controlled by BSI (CE 0086) Test with particles between 0.2  $\mu m-2~\mu m$  MAC = Maximum Admissible Concentration

OEL = Occupational Exposure Limit

TLV = Threshold Limit Value

# FFP MASKS PRODUCT OVERVIEW



Protection Level

EN 149:2001+A1:2009 FFP1 NR D AS/NZS 1716:2012 P1

EN 149:2001+A1:2009 FFP2 NR D AS/NZS 1716:2012 P2

EN 149:2001+A1:2009 FFP3 NR D

Moulded & Moulded Plus Mask Serie	Moulded	& Mould	ed Plus N	lask Series
-----------------------------------	---------	---------	-----------	-------------

Product code	1010	1011	1110	1111	1020	1021	1121		1231	1131		
Exhalation Valve		•		•		•	•		•	•		
Nose Bridge	•	•	•	•	•	•	•		•	•		
Face Seal Foam	•	•	•	•	•	•	•		•	•		
Active Carbon			•	•			•			•		
Head Strap	•	•	•	•	•	•	•		•	•		
AS/NZS Standard	•	•		•	•	•	•					
Product code	11010	11011	11111	7111	11020	11021	11121	7121	11231	11131	12231*	
Exhalation Valve		•	•	•		•	•	•	•	•	•	
Nose Bridge	•	•	•	•	•	•	•	•	•	•	•	
Face Seal Foam	0	0	0	•	0	0	0	•	•	•	•	
Active Carbon			•	•			•	•		•		
Head Strap	•	•	•	•	•	•	•	•	•	•	•	
AS/NZS Standard				•				•				
Product code	22010	22011	22110	22111	22020	22021	22121		22030	22031	22231	22131
Exhalation Valve		•		•		•	•			•	•	•
Face Seal Foam					0	0	0		0	0	•	•
Active Carbon			•	•			•					•
Head Strap	•/0	●/○	•/0	●/○	•/0	•/0	●/○		●/⊚	●/◎	•	•
AS/NZS Standard	•	•	•	•	•	•	•					

#### Vertical Fold Flat Mask Series

Product code	3010	3011	3111	3020	3021	3121	3231		
Exhalation Valve		•	•		•	•	•		
Nose Bridge	•	•	•	•	•	•	•		
Face Seal Foam	•	•	•	•	•	•	•		
Active Carbon			•			•			
Head Strap	●/⊚	●/⊚	●/⊚	●/⊚	●/⊚	●/⊚	●/⊚		
AS/NZS Standard	•	•	•	•	•	•			
Product code	4010	4011	4111	4020	4021	4121	4231		
Exhalation Valve		•	•		•	•	•		
Nose Bridge	•	•	•	•	•	•	•		
Active Carbon			•			•			
Head Strap	•	•	•	•	•	•	•		

#### **Horizontal Fold Flat Mask Series**

Product code	6010	6011	6111	6020	6021	6121	6231		
Exhalation Valve		•	•		•	•	•		
Nose Bridge	•	•	•	•	•	•	•		
Face Seal Foam	•	•	•	•	•	•	•		
Active Carbon			•			•			
Head Strap	0	0	0	0	0	0	•		
AS/NZS Standard	•	•	•	•	•	•			

- · Exhalation Valve: Reduces hot air build up, and easy breath in hot and humid working place
- · Nose Bridge: Adjustable aluminum / plastic nose bridge provide custom seal for different facial sizes
- · Face Seal Foam: Provides a custom fit and secure seal to different facial sizes
- Single Nose Pad; Half Face Foam; Full Face Foam
- · Active Carbon Filter: Filter against nuisance level organic vapors
- · Head Strap: Variation of head strap designs for flexibility and better fit
- Stapled; Welded; Adjustable
- · AS/NZS Standard: Conforms to AS/NZS 1716:2012 requirement

#### Protection levels:

FFP1: 4 x Workplace Exposure Limit FFP2: 10 x Workplace Exposure Limit

FFP3: 20 x Workplace Exposure Limit NR = Non reusable ( single shift use only)

\*R = Reusable

D= Meet the Dolomite clogging test for better breathing resistance

# FFD 1 NRD

# MOULDED & MOULDED PLUS MASK FAMILY

1010 non valved

1011 valved

1110 odour

1111 valved odour

11010 non valved

11011 valved

11111 valved odour

7111 twin valved odour

22010 non valved

22011 valved

22110 odour

22111 valved odour

# VERTICAL & HORIZONTAL FOLD FLAT MASK FAMILY

3010 non valved

3011 valved

3111 valved odour

4010 non valved

4011 valved

4111 valved odour

6010 non valved

6011 valved

6111 valved odour

#### **CHARACTERISTICS**



#### Low breathing resistance:

Filter technology reduces inhalation resistance to bring comfort wear.



#### **Exhalation valve:**

Reduces hot air build up, and easy breath in hot and humid working place.



#### Nose bridge:

Adjustable aluminum or plastic nose bridge provide custom seal for different facial sizes.



#### Face seal foam:

Provides a custom fit and secure seal to different facial sizes.



#### **Active carbon filter:**

Filter against nuisance level organic vapors.



#### Rubber head band:

Heavy-duty head bands stapled outside of breathing zone for a comfortable and custom fit



#### Adjustable buckle:

Ensures the best facial seal with lowest leakage.



#### **Elastic head strap:**

Woven elastic head straps welded outside of breathing zone for a comfortable and custom fit.



#### Adjustable clip:

Easy adjustable clip system to offer comfortable fit.



#### Metal free:

No metal material used for the respirator.



#### **Hanging:**

It is able to hang from the neck when not in use



#### Mesh

Sturdy mesh inside to prevent collapsing from hot and humid



#### D clogging:

Meet the Dolomite clogging test to bring better breathing resistance for longer.



#### Reusable:

The respirator can be used for more than one shift.



#### Latex free:

Apply latex free material to avoid







#### Moulded series/ FFP1 NR D & P1

#### SPECIFICATIONS

- Low breathing resistance for more comfortable feel to wearer.
- Heavy-duty head bands, adjustable nose clip and soft nose foam for a comfortable and custom fit.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING













# 1011 DUST / MIST MASK WITH VALVE

#### Moulded series/ FFP1 NR D & P1

#### SPECIFICATIONS

- · Low breathing resistance for more comfortable feel to wearer.
- · Heavy-duty head bands, adjustable nose clip and soft nose foam for a comfortable and custom fit.
- Exhalation valve reduces hot air buildup and easy breath in hot/ humid environments.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING

















# 1110 ACTIVE CARBON DUST / MIST MASK

Moulded series/ FFP1 NR D & P1

# SPECIFICATIONS

- 7 3. 2 6.1. 6.3 (1.10.13)
- · Low breathing resistance for more comfortable feel to wearer.
- · Heavy-duty head bands, adjustable nose clip and soft nose foam for a comfortable and custom fit.
- · Covered with active carbon pre-filter against nuisance level organic vapors.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

















# 1111 ACTIVE CARBON DUST / MIST MASK WITH VALVE

#### Moulded series/ FFP1 NR D & P1

#### SPECIFICATIONS

- · Low breathing resistance for more comfortable feel to wearer.
- · Heavy-duty head bands, adjustable nose clip and soft nose foam for a comfortable and custom fit.
- · Exhalation valve reduces hot air buildup and easy breath in hot/ humid environments.
- · Covered with active carbon pre-filter against nuisance level organic vapors.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING



















# 11010 DUST / MIST MASK

#### Moulded Plus series/ FFP1 NR D

#### | SPECIFICATIONS |

- · Moulded plus design for premium range of respirators.
- · Sturdy mesh inside to prevent collapsing from hot and humid environment.
- · Four- point adjustable head straps and adjustable nose clip offer a comfortable secure fit.
- Half face seal foam provides a custom seal for different facial sizes and lowest leakage.
- Conforms to EN149:2001+A1:2009.

#### PACKING















# 11011 DUST / MIST MASK WITH VALVE

#### Moulded Plus series/ FFP1 NR D

#### SPECIFICATIONS

- · Moulded plus design for premium range of respirators.
- Sturdy mesh inside to prevent collapsing from hot and humid environment.
- · Four- point adjustable head straps and adjustable nose clip offer a comfortable secure fit.
- · Half face seal foam provides a custom seal for different facial sizes and lowest leakage.
- · Exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Conforms to EN149:2001+A1:2009.





















# 11111 ACTIVE CARBON DUST / MIST MASK WITH VALVE

#### Moulded Plus series/ FFP1 NR D

#### SPECIFICATIONS

- · Moulded plus design for premium range of respirators.
- Sturdy mesh inside to prevent collapsing from hot and humid environment.
- · Four- point adjustable head straps and adjustable nose clip offer a comfortable secure fit.
- · Half face seal foam provides a custom seal for different facial sizes and lowest leakage.
- Exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- Covered with active carbon pre-filter against nuisance level organic vapors.
- · Conforms to EN149:2001+A1:2009.

#### PACKING



200 pcs / 4.11'















# 7111 ACTIVE CARBON DUST/MIST MASK WITH 2 VALVES

#### Moulded series/ FFP1 NR & P1

#### SPECIFICATIONS

- · Contoured face seal and easy adjustable buckle system to offer comfortable fit.
- Two exhalation valves reduce hot air buildup and easy breath in hot/humid
- · Covered with active carbon pre-filter against nuisance level organic vapors.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING





















# 22010 DUST / MIST MASK

#### Moulded series/ FFP1 NR D & P1

#### SPECIFICATIONS

- · Lightweight structure results in easy breathing and comfortable wear.
- Ergonomic mask shape provides custom seal for different facial sizes.
- · Alternative head straps, welding elastic strap or stapled rubber band.
- · No metal material is used for the masks with welding elastic strap.
- Apply latex free material to avoid irritation.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.



















# **22011** DUST / MIST MASK WITH VALVE

#### Moulded series/ FFP1 NR D & P1

#### SPECIFICATIONS

- · Lightweight structure results in easy breathing and comfortable wear.
- · Ergonomic mask shape provides custom seal for different facial sizes.
- · Alternative head straps, welding elastic strap or stapled rubber band.
- · No metal material is used for the masks with welding elastic strap.
- · Apply latex free material to avoid irritation.
- · Advanced low resistant exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING















# **22110** ACTIVE CARBON DUST / MIST MASK



#### Moulded series/ FFP1 NR D & P1

#### SPECIFICATIONS

- · Lightweight structure results in easy breathing and comfortable wear.
- · Ergonomic mask shape provides custom seal for different facial sizes.
- · Alternative head straps, welding elastic strap or stapled rubber band.
- · No metal material is used for the masks with welding elastic strap.
- · Apply latex free material to avoid irritation.
- · Covered with active carbon pre-filter against nuisance level organic vapors.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING

20 pcs / 400 pcs / 2.97'















# 22111 ACTIVE CARBON DUST / MIST MASK WITH VALVE

#### Moulded series/ FFP1 NR D & P1

#### | SPECIFICATIONS |

- · Lightweight structure results in easy breathing and comfortable wear.
- Ergonomic mask shape provides custom seal for different facial sizes.
- · Alternative head straps, welding elastic strap or stapled rubber band.
- · No metal material is used for the masks with welding elastic strap.
- · Apply latex free material to avoid irritation.
- · Advanced low resistant exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Covered with active carbon pre-filter against nuisance level organic vapors.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING

12 pcs / inner box

240 pcs / 2.97'















#### Vertical fold flat series/ FFP1 NR D & P1

#### SPECIFICATIONS

- · Low breathing resistance for more comfortable feel to wearer.
- · Adjustable plastic nose clip and soft foam nosepiece provide a custom fit.
- · Easy adjustable buckle for a perfect fit. Stapled head band is optional.
- · Vertical foldable design for easy carry and packed individually to avoid contamination.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING















# 3011 DUST / MIST MASK WITH VALVE

#### Vertical fold flat series/ FFP1 NR D & P1

#### SPECIFICATIONS

- Low breathing resistance for more comfortable feel to wearer.
- · Adjustable plastic nose clip and soft foam nosepiece provide a custom fit.
- Easy adjustable buckle for a perfect fit. Stapled head band is optional.
- · Exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Vertical foldable design for easy carry and packed individually to avoid contamination.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING



















# **3111** ACTIVE CARBON DUST / MIST MASK WITH VALVE

#### Vertical fold flat series/ FFP1 NR D & P1

#### SPECIFICATIONS

- · Low breathing resistance for more comfortable feel to wearer.
- · Adjustable plastic nose clip and soft foam nosepiece provide a custom fit.
- · Easy adjustable buckle for a perfect fit. Stapled head band is optional.
- Exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Covered with active carbon pre-filter against nuisance level organic vapors.
- · Vertical foldable design for easy carry and packed individually to avoid contamination.
- Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING

1 pc / polybag 12 pcs / 240 ctn / 2.44

















#### Vertical fold flat series/ FFP1 NR D

#### SPECIFICATIONS

- · Low breathing resistance for more comfortable feel to wearer.
- · Hidden adjustable nose clip for comfortable & custom fit.
- · Adjustable clip on strap for a secure seal.
- · Vertical foldable design for easy carry and packed individually to avoid contamination.
- · Apply latex free material to avoid irritation.
- · Conforms to EN149:2001+A1:2009.

#### PACKING















# **4011** DUST / MIST MASK WITH VALVE

#### Vertical fold flat series/ FFP1 NR D

#### SPECIFICATIONS

- · Low breathing resistance for more comfortable feel to wearer.
- · Hidden adjustable nose clip for comfortable & custom fit.
- · Adjustable clip on strap for a secure seal.
- · Advanced low resistant exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Vertical foldable design for easy carry and packed individually to avoid contamination.
- · Apply latex free material to avoid irritation.
- · Conforms to EN149:2001+A1:2009.

#### PACKING





















# **4111** ACTIVE CARBON DUST / MIST MASK WITH VALVE

#### Vertical fold flat series/ FFP1 NR D

#### SPECIFICATIONS

- · Low breathing resistance for more comfortable feel to wearer.
- · Hidden adjustable nose clip for comfortable & custom fit.
- · Adjustable clip on strap for a secure seal.
- · Advanced low resistant exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Covered with active carbon pre-filter against nuisance level organic vapors.
- · Vertical foldable design for easy carry and packed individually to avoid contamination.
- · Apply latex free material to avoid irritation.
- · Conforms to EN149:2001+A1:2009.



























#### Horizontal fold flat series/ FFP1 NR D & P1



- · Low breathing resistance for more comfortable feel to wearer.
- · Adjustable plastic nose clip and soft foam nosepiece provide a custom fit.
- · Horizontal foldable design for easy carry and packed individually to avoid contamination.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING















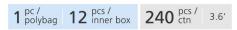
# **6011** DUST / MIST MASK WITH VALVE

#### Horizontal fold flat series/ FFP1 NR D & P1

#### SPECIFICATIONS

- · Low breathing resistance for more comfortable feel to wearer.
- · Adjustable plastic nose clip and soft foam nosepiece provide a custom fit.
- · Exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Horizontal foldable design for easy carry and packed individually to avoid contamination.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING

















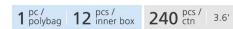


# **6111** ACTIVE CARBON DUST / MIST MASK WITH VALVE

#### Horizontal fold flat series/ FFP1 NR D & P1

#### SPECIFICATIONS

- · Low breathing resistance for more comfortable feel to wearer.
- · Adjustable plastic nose clip and soft foam nosepiece provide a custom fit.
- Exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Covered with active carbon pre-filter against nuisance level organic vapors.
- · Horizontal foldable design for easy carry and packed individually to avoid contamination.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.























# MOULDED & MOULDED PLUS MASK FAMILY

1020 no valve

1021 with valve
1121 with valve & carbon filter
11020 no valve
11021 with valve
11121 with valve & carbon filter
22020 no valve
22021 with valve
22121 with valve & carbon filter
7121 with two valve & carbon filter

# VERTICAL & HORIZONTAL FOLD FLAT MASK FAMILY

3020 no valve
3021 with valve
3121 with valve & carbon filter
4020 no valve
4021 with valve
4121 with valve & carbon filter
6020 no valve
6021 with valve

#### **CHARACTERISTICS**



#### Low breathing resistance:

inhalation resistance to bring comfort wear.



#### **Exhalation valve:**

Reduces hot air build up, and easy breath in hot and humid working place.



#### Nose bridge:

Adjustable aluminum or plastic nose bridge provide custom seal for different facial sizes.



#### Face seal foam:

Provides a custom fit and secure seal to different facial sizes.



#### **Active carbon filter:**

Filter against nuisance level organic vapors.



#### Rubber head band:

Heavy-duty head bands stapled outside of breathing zone for a comfortable and custom fit



#### Adjustable buckle:

Ensures the best facial seal with lowest leakage.



#### **Elastic head strap:**

Woven elastic head straps welded outside of breathing zone for a comfortable and custom fit.



#### Adjustable clip:

Easy adjustable clip system to offer comfortable fit.



#### Metal free:

No metal material used for the respirator.



#### Hanging:

It is able to hang from the neck when not in use.



#### Mesh:

Sturdy mesh inside to prevent collapsing from hot and humid



#### D clogging:

Meet the Dolomite clogging test to bring better breathing



#### Rousahle.

The respirator can be used for



#### Latex free:

Apply latex free material to avoid











- · Low breathing resistance for more comfortable feel to wearer.
- · Heavy-duty head bands, adjustable nose clip and soft nose foam for a comfortable and custom fit.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING















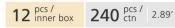
# **1021** DUST / MIST MASK WITH VALVE

#### Moulded series/ FFP2 NR D & P2

#### | SPECIFICATIONS |

- · Low breathing resistance for more comfortable feel to wearer.
- · Heavy-duty head bands, adjustable nose clip and soft nose foam for a comfortable and custom fit.
- Exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING

















# 1121 ACTIVE CARBON DUST / MIST MASK WITH VALVE

### | SPECIFICATIONS |

· Low breathing resistance for more comfortable feel to wearer.

Moulded series/ FFP2 NR D & P2

- · Heavy-duty head bands, adjustable nose clip and soft nose foam for a comfortable and custom fit.
- · Exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Covered with active carbon pre-filter against nuisance level organic vapors.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING

12 pcs / inner box



















#### Moulded Plus series/ FFP2 NR D

#### SPECIFICATIONS

- · Moulded plus design for premium range of respirators.
- Sturdy mesh inside to prevent collapsing from hot and humid environment.
- Four- point adjustable head straps and adjustable nose clip offer a comfortable secure fit.
- · Half face seal foam provides a custom seal for different facial sizes and lowest leakage.
- · Conforms to EN149:2001+A1:2009.

#### PACKING

10 pcs /

200 pcs / 4.11'













# 11021 DUST / MIST MASK WITH VALVE

#### Moulded Plus series/ FFP2 NR D

#### | SPECIFICATIONS |

- · Moulded plus design for premium range of respirators.
- · Sturdy mesh inside to prevent collapsing from hot and humid environment.
- · Four- point adjustable head straps and adjustable nose clip offer a comfortable secure fit.
- · Half face seal foam provides a custom seal for different facial sizes and lowest leakage.
- Exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Conforms to EN149:2001+A1:2009.

#### PACKING

















# 11121 ACTIVE CARBON DUST / MIST MASK WITH VALVE

#### Moulded Plus series/ FFP2 NR D

#### SPECIFICATIONS

- · Moulded plus design for premium range of respirators.
- · Sturdy mesh inside to prevent collapsing from hot and humid environment.
- · Four- point adjustable head straps and adjustable nose clip offer a comfortable secure fit.
- · Half face seal foam provides a custom seal for different facial sizes and lowest leakage.
- · Exhalation valve reduces hot air buildup and easy breath in hot/humid environments
- · Covered with active carbon pre-filter against nuisance level organic vapors.
- · Conforms to EN149:2001+A1:2009.

#### PACKING

10 pcs / inner box

























#### Moulded series/ FFP2 NR D & P2

#### SPECIFICATIONS

- · Lightweight structure results in easy breathing and comfortable wear.
- · Ergonomic mask shape provides custom seal for different facial sizes.
- · Alternative head straps, welding elastic strap or stapled rubber band.
- · No metal material is used for the masks with welding elastic strap.
- · Half face seal foam reinforces the seal with lowest leakage.
- · Apply latex free material to avoid irritation.
- Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.















# 22021 DUST / MIST MASK WITH VALVE

#### Moulded series/ FFP2 NR D & P2

#### SPECIFICATIONS

- · Lightweight structure results in easy breathing and comfortable wear.
- Ergonomic mask shape provides custom seal for different facial sizes.
- · Alternative head straps, welding elastic strap or stapled rubber band.
- · No metal material is used for the masks with welding elastic strap.
- · Half face seal foam reinforces the seal with lowest leakage.
- · Apply latex free material to avoid irritation.
- · Advanced low resistant exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING



240 pcs / 2.97'







9**59**2333315345345













# **22121** ACTIVE CARBON DUST / MIST MASK WITH VALVE

## Moulded series/ FFP2 NR D & P2

#### SPECIFICATIONS

- · Lightweight structure results in easy breathing and comfortable wear.
- · Ergonomic mask shape provides custom seal for different facial sizes.
- · Alternative head straps, welding elastic strap or stapled rubber band.
- · No metal material is used for the masks with welding elastic strap.
- · Half face seal foam reinforces the seal with lowest leakage.
- · Apply latex free material to avoid irritation.
- · Advanced low resistant exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Covered with active carbon pre-filter against nuisance level organic vapors.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.



























#### Vertical fold flat series/ FFP2 NR D & P2

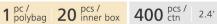
#### SPECIFICATIONS

- · Low breathing resistance for more comfortable feel to wearer.
- · Adjustable plastic nose clip and soft foam nosepiece provide a custom fit.
- · Easy adjustable buckle for a perfect fit. Stapled head band is optional.
- · Vertical foldable design for easy carry and packed individually to avoid contamination.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING



















# **3021** DUST / MIST MASK WITH VALVE

#### Vertical fold flat series/ FFP2 NR D & P2

#### | SPECIFICATIONS |

- · Low breathing resistance for more comfortable feel to wearer.
- · Adjustable plastic nose clip and soft foam nosepiece provide a custom fit.
- · Easy adjustable buckle for a perfect fit. Stapled head band is optional.
- Exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Vertical foldable design for easy carry and packed individually to avoid contamination.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING





















# 3121 ACTIVE CARBON DUST / MIST MASK WITH VALVE

#### Vertical fold flat series/ FFP2 NR D & P2

#### SPECIFICATIONS

- · Low breathing resistance for more comfortable feel to wearer.
- · Adjustable plastic nose clip and soft foam nosepiece provide a custom fit.
- Easy adjustable buckle for a perfect fit. Stapled head band is optional.
- · Advanced low resistant exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Covered with active carbon pre-filter against nuisance level organic vapors.
- · Vertical foldable design for easy carry and packed individually to avoid contamination.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.



















#### Vertical fold flat series/ FFP2 NR D

#### SPECIFICATIONS

- · Low breathing resistance for more comfortable feel to wearer.
- · Hidden adjustable nose clip for comfortable & custom fit.
- · Adjustable clip on strap for a secure seal.
- · Vertical foldable design for easy carry and packed individually to avoid contamination.
- · Apply latex free material to avoid irritation.
- · Conforms to EN149:2001+A1:2009.

#### PACKING



















# **4021** DUST / MIST MASK WITH VALVE

#### Vertical fold flat series/ FFP2 NR D

#### SPECIFICATIONS

- · Low breathing resistance for more comfortable feel to wearer.
- · Hidden adjustable nose clip for comfortable & custom fit.
- · Adjustable clip on strap for a secure seal.
- · Advanced low resistant exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Vertical foldable design for easy carry and packed individually to avoid contamination.
- · Apply latex free material to avoid irritation.
- · Conforms to EN149:2001+A1:2009.

#### PACKING























# **4121** ACTIVE CARBON DUST / MIST MASK WITH VALVE

# Vertical fold flat series/ FFP2 NR D

#### SPECIFICATIONS

- · Low breathing resistance for more comfortable feel to wearer.
- · Hidden adjustable nose clip for comfortable & custom fit.
- · Adjustable clip on strap for a secure seal.
- · Advanced low resistant exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Covered with active carbon pre-filter against nuisance level organic vapors.
- · Vertical foldable design for easy carry and packed individually to avoid contamination.
- · Apply latex free material to avoid irritation.
- · Conforms to EN149:2001+A1:2009.































#### Horizontal fold flat series/ FFP2 NR D & P2

#### SPECIFICATIONS

- · Low breathing resistance for more comfortable feel to wearer.
- · Adjustable plastic nose clip and soft foam nosepiece provide a custom fit.
- · Horizontal foldable design for easy carry and packed individually to avoid contamination.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING













# **6021** DUST / MIST MASK WITH VALVE

#### Horizontal fold flat series/ FFP2 NR D & P2

#### SPECIFICATIONS

- · Low breathing resistance for more comfortable feel to wearer.
- · Adjustable plastic nose clip and soft foam nosepiece provide a custom fit.
- Exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Horizontal foldable design for easy carry and packed individually to avoid contamination.
- Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING



















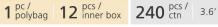


# 6121 ACTIVE CARBON DUST / MIST MASK WITH VALVE

#### Horizontal fold flat series/ FFP2 NR D & P2

#### SPECIFICATIONS

- · Low breathing resistance for more comfortable feel to wearer.
- · Adjustable plastic nose clip and soft foam nosepiece provide a custom fit.
- Exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Covered with active carbon pre-filter against nuisance level organic vapors.
- · Horizontal foldable design for easy carry and packed individually to avoid contamination.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

















# 7121 ACTIVE CARBON DUST/MIST MASK WITH 2 VALVES



#### Moulded series/ FFP2 NR & P2

#### | SPECIFICATIONS |

- · Contoured face seal and easy adjustable buckle system to offer comfortable fit.
- Two exhalation valves reduce hot air buildup and easy breath in hot/humid environments.
- · Covered with active carbon pre-filter against nuisance level organic vapors.
- · Conforms to EN149:2001+A1:2009 and AS/NZS 1716:2012.

#### PACKING











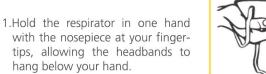






# FITTING INSTRUCTIONS

#### Reference 1







1. Hold the mask in your hand with the nosepiece at your fingertips.

tips, allowing the headbands to hang below your hand.

2. Press the respirator against your

bridge of your nose.

face with the nosepiece on the





2.Press it firmly against your face with the nosepiece on the bridge of your nose. With your other hand, take the lower band, pull it over your head and position it below your ears.

3.Place the top band high on the back of your head. Move the bottom band over your head and position it below your ears.



3. Position the upper band in the same manner but place it above your ears.

4.Using both hands, mould the nosepiece to the shape of your nose.



- 4. Adjust the strap tension by pulling the straps as shown in the Figure.

5.Test the fit. Cup both hands over the respirator and exhale vigorously. If air flows around your nose, tighten the nosepiece. If air leaks around the edges, reposition the bands for better fit.





5.Using both hands, mould the nosepiece to the shape of your nose and inhale vigorously. If no negative presssure is felt inside the respirator, adjust and tighten the nosepiece.



# MOULDED & MOULDED PLUS MASK FAMILY

1131 with valve & carbon filter 11231 with valve 11131 with valve & carbon filter 22030 no valve 22031 with valve 22231 with valve 22131 with valve & carbon filter 12231 with valve \*R(reusable)

# VERTICAL & HORIZONTAL FOLD FLAT MASK FAMILY

3231 with valve 4231 with valve 6231 with valve

1231 with valve

#### **CHARACTERISTICS**



#### Low breathing resistance:

inhalation resistance to bring comfort wear.



#### **Exhalation valve:**

Reduces hot air build up, and easy breath in hot and humid working place.



#### Nose bridge:

Adjustable aluminum or plastic nose bridge provide custom seal for different facial sizes.



#### Face seal foam:

Provides a custom fit and secure seal to different facial sizes.



#### Active carbon filter:

Filter against nuisance level organic vapors.



#### Rubber head band:

Heavy-duty head bands stapled outside of breathing zone for a comfortable and custom fit.



#### Adjustable buckle:

Ensures the best facial seal with lowest leakage.



#### Elastic head strap:

Woven elastic head straps welded outside of breathing zone for a comfortable and custom fit.



#### Adjustable clip:

Easy adjustable clip system to offer comfortable fit.



#### Metal free:

No metal material used for the respirator.



#### Hanging:

It is able to hang from the neck when not in use.



#### Mesh:

Sturdy mesh inside to prevent collapsing from hot and humid



#### D clogging:

Meet the Dolomite clogging test to bring better breathing resistance for longer.



#### Reusable:

The respirator can be used for more than one shift.



#### Latex free:

Apply latex free material to avoid irritation.







# **1231** DUST / MIST MASK WITH VALVE

#### Moulded series/ FFP3 NR D

# SPECIFICATIONS

- · Contoured facial seal for extreme comfort at long time of wearing.
- · Fully adjustable head straps and adjustable nose clip offer a comfortable secure fit.
- · Exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- Conforms to EN149:2001+A1:2009.

#### PACKING |















# 1131 ACTIVE CARBON DUST / MIST MASK WITH VALVE

#### Moulded series/ FFP3 NR D

#### SPECIFICATIONS

- · Contoured facial seal for extreme comfort at long time of wearing.
- · Fully adjustable head straps and adjustable nose clip offer a comfortable secure fit.
- · Exhalation valve reduces hot air buildup and easy breath in hot/humid
- · Covered with active carbon pre-filter against nuisance level organic vapors.
- · Conforms to EN149:2001+A1:2009.

#### PACKING





















# 11231 DUST / MIST MASK WITH VALVE

#### Moulded Plus series/ FFP3 NR D

#### SPECIFICATIONS

- · Moulded plus design for premium range of respirators.
- · Sturdy mesh inside to prevent collapsing from hot and humid environment.
- · Four- point adjustable head straps and adjustable nose clip offer a comfortable secure fit.
- Full face seal foam provides a custom seal for different facial sizes and lowest leakage.
- · Exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Conforms to EN149:2001+A1:2009.





















# 11131 ACTIVE CARBON DUST / MIST MASK WITH VALVE

#### Moulded Plus series/ FFP3 NR D

#### SPECIFICATIONS

- · Moulded plus design for premium range of respirators.
- · Sturdy mesh inside to prevent collapsing from hot and humid environment.
- · Four- point adjustable head straps and adjustable nose clip offer a comfortable secure fit.
- · Full face seal foam provides a custom seal for different facial sizes and lowest leakage.
- · Exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Covered with active carbon pre-filter against nuisance level organic vapors.
- · Conforms to EN149:2001+A1:2009.

#### PACKING





















#### Moulded series/ FFP3 NR D

#### SPECIFICATIONS

- · Lightweight structure results in easy breathing and comfortable wear.
- · Ergonomic mask shape provides custom seal for different facial sizes.
- · Alternative head straps, welding elastic strap or stapled rubber band.
- · No metal material is used for the masks with welding elastic strap.
- · Half face seal foam and adjustable strap reinforces seal with lowest leakage.
- · Apply latex free material to avoid irritation.
- Conforms to EN149:2001+A1:2009.

#### PACKING

20 pcs / inner box

400 pcs / 2.97

















# 22031 DUST / MIST MASK WITH VALVE

#### Moulded series/ FFP3 NR D

#### SPECIFICATIONS

- · Lightweight structure results in easy breathing and comfortable wear.
- · Ergonomic mask shape provides custom seal for different facial sizes.
- · Alternative head straps, welding elastic strap or stapled rubber band.
- · No metal material is used for the masks with welding elastic strap.
- $\cdot$  Half face seal foam and adjustable strap reinforces seal with lowest leakage.
- · Apply latex free material to avoid irritation.
- · Advanced low resistant exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Conforms to EN149:2001+A1:2009.

#### PACKING

12 pcs / inner box

240 pcs / 2.97

























PACKING

5 pcs / inner box

# 22231 DUST / MIST MASK WITH VALVE

#### Moulded series/ FFP3 NR D

#### | SPECIFICATIONS |

- · Lightweight structure results in easy breathing and comfortable wear.
- · Ergonomic mask shape provides custom seal for different facial sizes.
- · Metal free for environmental protection.
- · Contoured facial seal and fully adjustable head straps offer advanced secure seal and extreme comfort for long time wear.
- · Apply latex free material to avoid irritation.
- · Advanced low resistant exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Conforms to EN149:2001+A1:2009.















# 22131 ACTIVE CARBON DUST / MIST MASK WITH VALVE

#### Moulded series/ FFP3 NR D

#### | SPECIFICATIONS |

· Lightweight structure results in easy breathing and comfortable wear.

100 pcs / 3.4'

- · Ergonomic mask shape provides custom seal for different facial sizes.
- · Metal free for environmental protection.
- · Contoured facial seal and fully adjustable head straps offer advanced secure seal and extreme comfort for long time wear.
- · Apply latex free material to avoid irritation.
- · Advanced low resistant exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Covered with active carbon pre-filter against nuisance level organic vapors.
- · Conforms to EN149:2001+A1:2009.

#### PACKING























# 12231 REUSABLE DUST / MIST MASK WITH VALVE

# PACKING PACKING PACKING 1 pc/ spec / spec

#### Moulded series/ FFP3 R D

#### SPECIFICATIONS

- The respirator can be used more than one shift.
- · Advanced electret filter medias for upgrade performance efficiency.
- · Apply new exposure test after 120 mg loading test and storage condition.
- · Comply to mandatory testing of the clogging resistance requirement.
- · Contoured soft facial seal with PU foam for superior comfort and inner facial seal can be cleaned for multiple usages.
- · Fully adjustable head straps and latex free material to avoid irritation.
- Exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Conforms to EN149:2001+A1:2009.

















# **3231** DUST / MIST MASK WITH VALVE

#### Vertical fold flat series/ FFP3 NR D

#### | SPECIFICATIONS |

- · Adjustable plastic nose clip and soft foam nosepiece provide a custom fit.
- · Easy adjustable buckle for a perfect fit. Stapled head band is optional.
- · Exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Covered with active carbon pre-filter against nuisance level organic vapors.
- · Vertical foldable design for easy carry and packed individually to avoid contamination.
- · Conforms to EN149:2001+A1:2009.

#### PACKING





















# **4231** DUST / MIST MASK WITH VALVE

#### Vertical fold flat series/ FFP3 NR D

#### SPECIFICATIONS

- · Hidden adjustable nose clip for comfortable & custom fit.
- · Adjustable clip on strap for a secure seal.
- · Advanced low resistant exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Vertical foldable design for easy carry and packed individually to avoid contamination.
- · Apply latex free material to avoid irritation.
- · Conforms to EN149:2001+A1:2009.

#### PACKING



















# **6231** DUST / MIST MASK WITH VALVE

#### Horizontal fold flat series/ FFP3 NR D

4231 FFP3 NRD

#### SPECIFICATIONS

- · Adjustable plastic nose clip and full facial soft foam provide a custom fit.
- · Contoured facial seal foam and adjustable clip on strap offer advanced secure seal and comfort wear.
- · Exhalation valve reduces hot air buildup and easy breath in hot/humid environments.
- · Horizontal foldable design for easy carry and packed individually to avoid contamination.
- · Conforms to EN149:2001+A1:2009.

#### PACKING







240 pcs / 3.6'









#### JFY-101 NUISANCE MASK



#### SPECIFICATIONS

- · Disposable, cool and comfortable.
- · Lightweight construction, economical choice.
- · Soft flexible nose piece providing individual facial adjustment.

#### DETAIL / FEATURE

- · Not NIOSH, CE and AS/NZS approved
- · Provides relief from nuisance dusts, such as alfalfa, pollen, animal dander, sawdust, and other non-toxic dusts.

#### PACKING

50 pcs / 2000 pcs / ctn / 3.3'

#### **JFY-201** NUISANCE MASK



#### SPECIFICATIONS

- · Disposable, cool and comfortable.
- · Lightweight construction, economical choice.

#### DETAIL / FEATURE

- · Not NIOSH, CE and AS/NZS approved
- · Provides relief from nuisance dusts, such as alfalfa, pollen, animal dander, sawdust, and other non-toxic dusts.

#### PACKING

50 pcs / 2000 pcs / ctn / 3.3'

# JFY-202 NUISANCE MASK WITH PLASTIC HOUSING



#### SPECIFICATIONS

- · Model no. 201 disposable, cool and comfortable.
- · PVC housing with adjustable elastic head straps provid a custom fit.
- · Frequent replacement of the model no. 201 providing greater efficiency, economical.

#### DETAIL / FEATURE

- · Not NIOSH, CE and AS/NZS approved
- · Usage: Provides relief from nuisance dusts, such as alfalfa, pollen, animal dander, sawdust and other non-toxic dusts.

#### PACKING

· 1 set consists of 20 pcs white JFY-201 dust mask and 1 pc PVC housing.

1 set / polybag/inner box 15 sets / master ctn

# PR-31 ALUMINIUM MASK W/1 PC REFILL



#### SPECIFICATIONS

- · Adjustable headband to old firmly in place.
- · Frequent replacement of the cotton gauze refills providing greater efficiency.

#### DETAIL / FEATURE

- · Not NIOSH, CE and AS/NZS approved
- · Usage: All types of non-toxic dusts, not for toxic dust or harmful vapors.

| PACKING | 1 set /polybag

25 sets / 1000 sets / ctn / 3.15'

# PR-21 REFILLS FOR ALUMINUM FACE MASK



#### SPECIFICATIONS

· Refills for aluminum face mask of PR-31.

#### DETAIL / FEATURE

- · Not NIOSH, CE and AS/NZS approved
- · Usage: All types of non-toxic dusts, not for toxic dust or harmful vapors.

#### PACKING

25 pcs / ctn / 3.15′ sinner box



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